

*Exhibit A*



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

OCTOBER 21,



PTAS

BRINKS HOFER GILSON & LIONE  
ALICE O. MARTIN  
P.O. BOX 10395  
CHICAGO, IL 60610



\*1002501A\*

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U.S. PATENT & TRADEMARK OFFICE  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/29/1996

REEL/FRAME: 8071/0400

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VENTON, DUANE L.

DOC DATE: 07/16/1996

ASSIGNOR:

WOODBURY, CHARLES P.

DOC DATE: 07/16/1996

ASSIGNOR:

VAN BREEMEN, RICHARD B.

DOC DATE: 07/16/1996

ASSIGNEE:

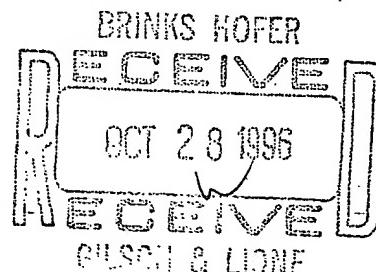
BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS  
SUITE 258, HENRY ADMINISTRATION BUILDING  
506 SOUTH WRIGHT STREET  
URBANA, ILLINOIS 61801

SERIAL NUMBER: 08645968

FILING DATE: 05/10/1996

PATENT NUMBER:

ISSUE DATE:



8071/0400 PAGE 2

PEARLENE FOSTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

08/08/1996

PATENTS ONLY

PATENTS ONLY

To Cc

Please record

100250158

Remarks

or copy thereof.

Party Name(s) Party(ies) conveying an interest:  
 Dr. Adelbert Venton  
 Charles P. Woodbury  
 Richard B. van Breemen

Additional name(s) of conveying party(ies) attached?  yes  no

## 2. Name and Address of Party(ies) receiving an interest:

Name: Board of Trustees of the University of Illinois  
 Internal Address: Suite 258, Henry Administration Building, 506 South Wright Street, Urbana, Illinois 61801  
 Street Address: Suite 258, Henry Administration Building, 506 South Wright Street, Urbana  
 City: Urbana  
 State/Zip: Illinois 61801

Additional name(s) &  yes  no address(es) attached?

## 3. Description of the interest conveyed:

 Assignment Change of Name

Other \_\_\_\_\_

 Security Agreement MergerExecution Date: July 16, 19964. Application number(s) or patent number(s). Additional sheet attached?  yes  no

If this document is being filed together with a new application, the execution date of the application is:

Date \_\_\_\_\_

A. Patent Application No.(s)

08/645,968

B. Patent No.(s)

62101 U.S. PTO  
08/08/96Additional numbers attached?  yes  no

## 5. Name and address of party to whom correspondence concerning document should be mailed:

6. Number of applications and patents involved: 1

Name: BRINKS HOFER GILSON & LIONE  
 P.O. Box: P.O. Box 10395  
 City: Chicago  
 State/Zip: Illinois 60610

7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to Deposit Account No. 23-19258.  Please charge any deficiencies in fees or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

ALICE O. MARTIN  
Name of Person SigningAlice O. Martin  
Signature  
REG. NO. 35,6017/12/96  
DateTotal number of pages including cover sheet, attachments and document: 6

DEC 06 2002

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ASSIGNMENT

WHEREAS, Duane L. Venton, Charles P. Woodbury and Richard B. van Breemen, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled MOLECULAR DIVERSITY SCREENING DEVICE AND METHOD, U.S. Serial No. 08/645,968;

WHEREAS, Board of Trustees of the University of Illinois, a corporation organized and existing under the laws of the State of Illinois, having a place of business at Suite 258, Henry Administration Building, 506 South Wright Street, Urbana, Illinois 61801, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

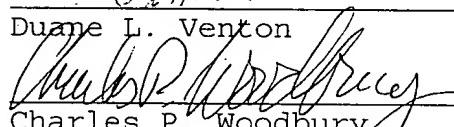
IN TESTIMONY WHEREOF, the Assignors have executed this agreement:

DATED: 7/16/96



\_\_\_\_\_  
Duane L. Venton

DATED: 7/16/96



\_\_\_\_\_  
Charles P. Woodbury

DATED: 7/16/96

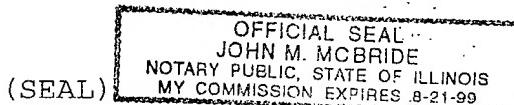


\_\_\_\_\_  
Richard B. van Breemen

STATE OF ILLINOIS )  
                     ) ss.  
COUNTY OF COOK   )

I, John M. McBride, a Notary Public in  
and for the County and State aforesaid, do hereby certify that  
Duane L. Venton, personally known to me to be the same person whose  
name is subscribed to the foregoing instrument, appeared before me  
this day in person and acknowledged that (s)he signed, sealed and  
delivered the said instrument as his/her free and voluntary act for  
the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and  
Notarial Seal, this 16 day of July, 1996.



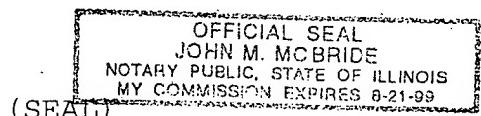
John M. McBride  
Notary Public

My Commission Expires: 8-21-99

STATE OF ILLINOIS )  
                     ) ss.  
COUNTY OF COOK   )

I, John M. McBride, a Notary Public in  
and for the County and State aforesaid, do hereby certify that  
Charles P. Woodbury, personally known to me to be the same person  
whose name is subscribed to the foregoing instrument, appeared  
before me this day in person and acknowledged that (s)he signed,  
sealed and delivered the said instrument as his/her free and  
voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and  
Notarial Seal, this 16 day of July, 1995.



John M. McBride  
Notary Public

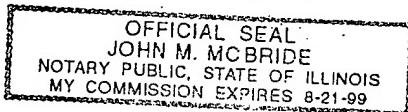
My Commission Expires: 8-21-99

STATE OF ILLINOIS )  
                     ) ss.  
COUNTY OF COOK   )

I, John M. McBride, a Notary Public in  
and for the County and State aforesaid, do hereby certify that  
Richard B. van Breemen, personally known to me to be the same  
person whose name is subscribed to the foregoing instrument,  
appeared before me this day in person and acknowledged that (s)he  
signed, sealed and delivered the said instrument as his/her free  
and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and  
Notarial Seal, this 16 day of July, 1996.

(SEAL)



John M. McBride  
Notary Public

My Commission Expires: 8-21-99



"Express Mail" mailing label number  
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Date of Deposit July 29, 1996

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Darren J. Brady  
(Typed or printed name of person mailing paper or fee)

Darren J. Brady  
(Signature of person mailing paper or fee)

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**TECH CENTER 1600/2900**

Case No. 7493-22

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Duane L. Venton, et al. )  
Serial No.: 08/645,968 )  
Filed: May 10, 1996 )  
For: MOLECULAR DIVERSITY )  
SCREENING DEVICE AND )  
METHOD )

**COMMUNICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed for filing in the above-identified application is a Verified Statement Claiming Small Entity Status - Nonprofit Organization, Assignment Transmittal form (in duplicate), Assignment and \$40 recording fee.

The Assistant Commissioner is hereby authorized to charge any deficiencies in fees or credit overpayment to Deposit Account No. 23-1925. A duplicate copy of this paper is enclosed.

Respectfully submitted,



Alice O. Martin  
Registration No. 35,601  
Attorney for Applicant

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200

The Assistant Commissioner is hereby authorized to charge any deficiencies in fees or credit overpayment to Deposit Account No. 23-1925. A duplicate copy of this paper is enclosed.

Respectfully submitted,



Alice O. Martin  
Registration No. 35,601  
Attorney for Applicant

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200

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DEC 06 2002

TECH CENTER 1600/2900

"Express Mail" mailing label number  
AEH 427766658 US  
Date of Deposit July 29, 1996

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR U1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Darren J. Brady  
(Typed or printed name of person mailing paper or fee)

Darren J. Brady  
(Signature of person mailing paper or fee)

Case No. 7493-22

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Duane L. Venton, et al. )  
Serial No.: 08/645,968 )  
Filed: May 10, 1996 )  
For: MOLECULAR DIVERSITY )  
SCREENING DEVICE AND )  
METHOD )

**COMMUNICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed for filing in the above-identified application is a Verified Statement Claiming Small Entity Status - Nonprofit Organization, Assignment Transmittal form (in duplicate), Assignment and \$40 recording fee.

RECEIVED

DEC 06 2002

Applicant or Patentee: DUANE L. VENTON, CHARLES P. WOODBURY & RICHARD B. van BREEMEN  
Serial or Patent No.: 08/645,968  
Filed or Issued: MAY 10, 1996  
For: MOLECULAR DIVERSITY SCREENING DEVICE AND METHOD

Case No.: 7493/22



VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS  
ADDRESS OF ORGANIZATION SUITE 258, HENRY ADMINISTRATION BUILDING, 506 SOUTH WRIGHT STREET,  
URBANA, IL 61801

TYPE OF ORGANIZATION

- UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION
- TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) AND 501(c)(3))
- NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)
- WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) AND 501(c)(3)) IF LOCATED IN THE UNITED STATES OF AMERICA
- WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATUTE \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code with regard to the invention entitled MOLECULAR DIVERSITY SCREENING DEVICE AND METHOD by inventor(s) DUANE L. VENTON, CHARLES P. WOODBURY & RICHARD B. van BREEMEN described in

- the specification filed herewith
- application serial no. 08/645,968, filed MAY 10, 1996
- patent no. \_\_\_\_\_, issued \_\_\_\_\_

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). \*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS  
ADDRESS SUITE 258, HENRY ADMINISTRATION BUILDING, 506 SOUTH WRIGHT STREET, URBANA, IL 61801

- INDIVIDUAL       SMALL BUSINESS CONCERN       NONPROFIT ORGANIZATION

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_

- INDIVIDUAL       SMALL BUSINESS CONCERN       NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

SIGNATURE  
NAME OF PERSON SIGNING  
TITLE OF PERSON OTHER THAN OWNER  
ADDRESS OF PERSON SIGNING

*Craig S. Bazzani*      DATE 7/17/96  
CRAIG S. BAZZANI  
COMPTROLLER AND VICE PRESIDENT OF BUSINESS AND FINANCE  
SUITE 258, HENRY ADMINISTRATION BUILDING, 506 SOUTH WRIGHT STREET  
URBANA, IL 61801

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
Chicago, Illinois 60610  
(312) 321-4200

To Commissioner of Patents and Trademarks

Please record the attached original document or copy thereof.

ROON  
 TRADEMARKS  
 & TRADEMARKS

1. Name of Party(ies) conveying an interest:  
 June L. Venton  
 Charles F. Woodbury  
 Richard B. van Breemen

Additional name(s) of conveying party(ies) attached?  yes  no

2. Name and Address of Party(ies) receiving an interest:

Name: Board of Trustees of the University of Illinois  
 Internal Address: Suite 258, Henry Administration Building, 506 South Wright Street, Urbana, Illinois 61801  
 Street Address: Suite 258, Henry Administration Building, 506 South Wright Street, Urbana, Illinois 61801  
 City: Urbana  
 State/Zip: Illinois 61801

Additional name(s) & address(es) attached?  yes  no

## 3. Description of the interest conveyed:

Assignment  Change of Name Other \_\_\_\_\_  
 Security Agreement  Merger \_\_\_\_\_

Execution Date: July 16, 19964. Application number(s) or patent number(s). Additional sheet attached?  yes  no

If this document is being filed together with a new application, the execution date of the application is:

Date \_\_\_\_\_

A. Patent Application No.(s)

08/645,968

B. Patent No.(s)

Additional numbers attached?  yes  no

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BRINKS HOFER GILSON & LIONE  
 P.O. Box: P.O. Box 10395  
 City: Chicago  
 State/Zip: Illinois 60610

6. Number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to Deposit Account No. 23-19258.  Please charge any deficiencies in fees or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

ALICE C. MARTIN  
 Name of Person Signing

*Alice C. Martin* 7/29/96  
 Signature REG. NO. 35,601 Date

Total number of pages including cover sheet, attachments, and document: 6

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 TECH CENTER 1600/2900



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 09, 2000

PTAS

BARNES & THORNBURG  
ALICE O. MARTIN  
2600 CHASE PLAZA  
10 S. LASALLE  
CHICAGO, IL 60603

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\*101385477A\*

AUG 21 2000

BARNES & THORNBURG

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/24/2000

REEL/FRAME: 010856/0218  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

VANBREEMAN, RICHARD B.

DOC DATE: 05/15/2000

ASSIGNEE:

BOLTON, JUDY L.

DOC DATE: 05/15/2000

ASSIGNEE:

ILLINOIS, BOARD OF TRUSTEES OF THE  
UNIVERSITY OF  
506 SOUTH WRIGHT ST.  
HENRY ADMINISTRATION BUILDING,  
SUITE 258  
URBANA, ILLINOIS 61801

SERIAL NUMBER: 09471523  
PATENT NUMBER:

FILING DATE: 12/23/1999  
ISSUE DATE:



010856/0218 PAGE 2

MAURICE CARTER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



PATENT APPLICATION  
ASSIGNMENT

Attorney Docket No.: 21726/90386  
Client Reference No.:

A S S I G N M E N T

In consideration of good and valuable consideration paid to each of the undersigned,

Name(s)  
of Inventor(s) Richard B. Van Breemen  
Judy L. Bolton

Check applicable boxes and enter serial number and date if available  
maker(s) of an invention which is the subject of a United States Patent Application identified by Serial No. 09/471,523 and filing date December 23, 1999

Title of Application SCREENING OF XENOBIOTICS AND ENDOGENOUS COMPOUNDS FOR METABOLIC TRANSFORMATION, FORMATION, OF TOXIC METABOLITES, AND BIOAVAILABILITY  
hereinafter (the "Application(s)")

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Co-Assignees The Board of Trustees of The University of Illinois

Address of first-listed Assignee The Board of Trustees of  
The University of Illinois  
Henry Administration Building, Suite 258  
506 South Wright Street  
Urbana, Illinois 61801

Insert State of Incorporation (if applicable) or "Not Applicable"

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

PATENT APPLICATION  
ASSIGNMENT

Attorney Docket No.: 21726/90386  
Client Reference No.:

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Chicago, Illinois this  
15<sup>th</sup> day of May, 2000,  
(day) (month) (year) (City, State)

Richard B. Van Breemen  
Inventor (Signature)

Judy L. Bolton  
Inventor (Signature)

Richard B. Van Breemen  
Inventor (Printed Name)

Judy L. Bolton  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF ILLINOIS  
} SS:  
COUNTY }  
OF Cook

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and  
Notarial Seal this

15<sup>th</sup> day of May, 2000 of

